

Hollinger Public Blast Report

Blast Pattern: 3298_050 3238_203PS
Date: 12-Aug-22
Blast Time: 11:55
Blast Sign Activation: 7:26
Website Notification Time: 7:12

Blast Conditions

Ceiling Height: 29,856 ft
Boundary Layer Height: n/a m
Cloud Cover: 0% Clear
Wind Speed: 11
Wind Direction: W
Temperature: 21.1 °C

Noise Levels (L_{Aeq}) – Noise Monitoring Instruments Reviewed:

Noise Alert:

Blast Siren Locations:

- 1: Hollinger Office
- 2: Shania Twain
- 3: Extendicare

| | L_{Aeq} | L_{peak} dB |
|-------------------|------------------------|----------------------------|
| Comfort Inn: | 57.2 LAeq | 109.0 dB |
| Edwards: | 50.1 LAeq | 102.2 dB |
| Fred: | 45.8 LAeq | 102.7 dB |
| Hollinger Office: | 56.6 LAeq | 108.7 dB |
| Noah: | 61.4 LAeq | 108.0 dB |
| Sandy: | 46.3 LAeq | 104.6 dB |
| Water Tower: | 47.4 LAeq | 103.0 dB |
| Wilson: | 48.3 LAeq | 100.1 dB |

Dust Levels (µg/m³) – Dust Monitoring Instruments Reviewed:

| | Avg. PM10 | Max PM10 | Avg. TSP | Max TSP |
|-------------------|-----------|----------|----------|---------|
| Claimpost: | 5.9 | 6.3 | 0.4 | 1.1 |
| Edwards: | 6.9 | 11.5 | 12.1 | 20.0 |
| Hollinger Office: | 34.7 | 118.0 | 37.4 | 148.6 |
| Sandy: | 3.8 | 4.7 | 5.9 | 13.4 |

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NO_x Levels (ppb) - NO_x Monitoring Instruments Reviewed:

NO_x Alert: No exceedances recorded

| | Avg. NO _x | Max NO _x |
|-------------------|----------------------|---------------------|
| Claimpost: | 0.2 | 0.3 |
| Edwards: | 0.3 | 1.3 |
| Hollinger Office: | 1.9 | 3.8 |
| Sandy: | 0.2 | 0.4 |

Vibration (mm/s) – Vibration Instruments Reviewed:

Vibration Alert: No exceedances recorded

| | Trans PPV | Vert PPV | Long PPV |
|-------------------------|-----------|----------|----------|
| Comfort Inn: | 0.3 | 0.3 | 0.4 |
| Edwards: | 0.2 | 0.1 | 0.1 |
| Hollinger Office: | | | |
| Hollinger West: | 2.0 | 0.8 | 1.1 |
| Imerys: | 4.7 | 1.5 | 2.0 |
| Noah: | 2.3 | 1.6 | 2.1 |
| Moneta Pumping Station: | 1.1 | 0.6 | 0.9 |
| Sandy: | 6.4 | 1.3 | 2.0 |
| Water Tower: | 4.1 | 1.8 | 3.7 |
| Wilson: | 3.0 | 1.5 | 2.2 |

